

Nigeria Centre for Disease Control
Protecting the health of Nigerians

Weekly Epidemiological Report

Week 18: 3rd - 9th May, 2021

Highlight of the Week

NCDC and partners conduct simulation exercise for ebola virus disease



The Nigeria Centre for Disease Control (NCDC) has continued to play her public health role as the National focal point for the implementation of International Health Regulations (IHR) in Nigeria. In line with the IHR Monitoring and Evaluation Framework and our organisational strategic plan, the NCDC works closely with the World Health Organization (WHO), Public Health England (PHE) and Resolve to Save Lives (RTSL) and other partners to strengthen Nigeria's emergency preparedness, resilience and response (EPRR) through regular simulation exercises (SimEx). With this, we have continued to fill the gaps identified following the first and mid-term Joint External Evaluation (JEE) of IHR capacities conducted in 2017 and 2019 respectively.

In line with the above, the NCDC in collaboration with the WHO, PHE and RSTL from 19th – 21st July, 2021 organised a SimEx to test the country's level of preparedness in case there is an outbreak of Ebola Virus Disease (EVD). This is aside other exercises that are routinely conducted for other infectious diseases such as cholera, measles, yellow fever etc.

The main objective of the exercise was to test and evaluate the five states with international airports (FCT, Enugu, Kano, Lagos, and Rivers) in the following areas:

1. Information sharing plans, systems, and SOPs between points of entry (POEs), Laboratories, States, and the National EVD Working Group
2. Protocols and policies at points of entry to triage and escalate suspected cases of EVD at international airports
3. Sample management SOPs and plans
4. Capabilities and capacities of the EVD working group, POEs and laboratories to coordinate and collaborate with other responders to EVD

Aside the facilitators from NCDC Incident Command Centre, WHO, PHE, RSTL and our One Health partners in the Animal Health and Environmental Health sector, State Epidemiologists from the afore-mentioned states also participated.

At the end of the exercise, the participants provided feedback which revealed strengths in efficient use of Emergency Operations Centres (EOCs) for the coordination of emergency response. Some limitations were also identified, and will be improved upon. Importantly, the lessons learned are being reviewed to further inform capacity development processes particularly at the state-level. The SimEx also provided useful insights that have been incorporated into the National Ebola Virus Disease Contingency Plan currently being developed for Nigeria.

The exercise reflected the vision of the NCDC in ensuring national health security through persistent, proactive and evidence-based implementation of public health EPRR measures at national and sub-national levels.

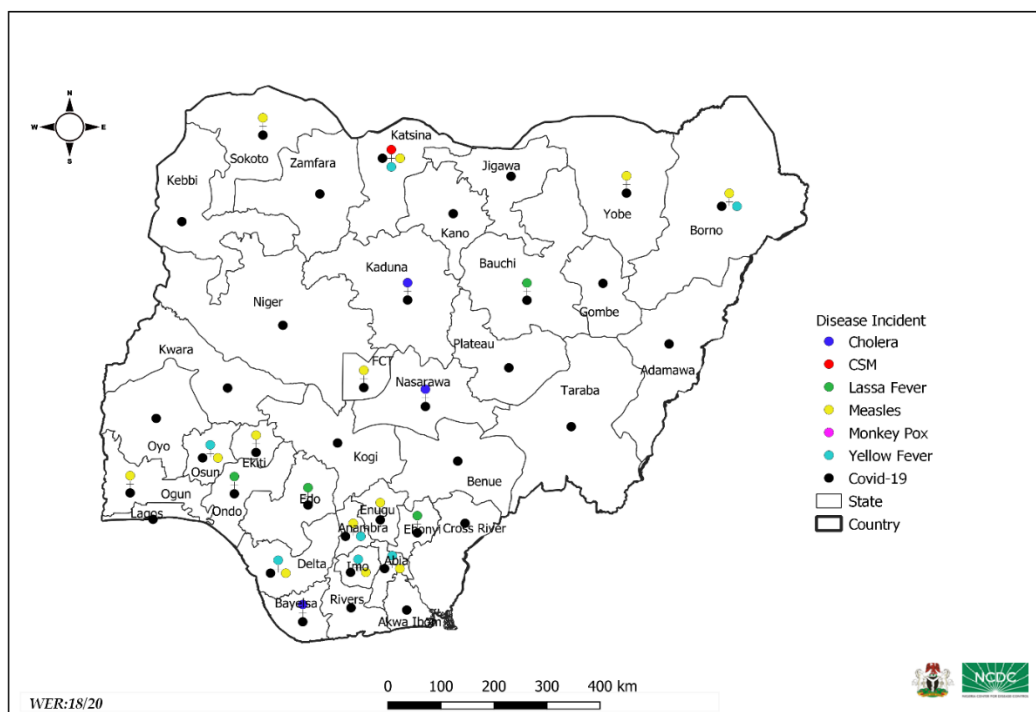
Summary of Incidents

Ongoing incidents

1

Ongoing incidents are defined as confirmed cases where a national EOC or equivalent has been activated (EOC is currently activated for COVID-19)

Other incidents are those with confirmed cases for which EOC is not activated



Summary

Week 18: 3rd - 9th May, 2021

Note: Coronavirus Disease is from outbreak onset till week 20, 2021: 23rd May, 2021)

Lassa Fever _{1,2}	Cerebrospinal Meningitis (CSM) _{3,4}	Yellow Fever _{3,4}
61 Suspected case(s)	5 Suspected case(s)	15 Suspected case(s)
10 Confirmed case(s)	0 Confirmed case(s)	0 Confirmed case(s)
0 Death(s)	0 Death(s)	0 Death(s)
Cholera _{3,4}	Measles _{3,4}	Monkeypox _{1,4}
34 Suspected case(s)	691 Suspected case(s)	0 Suspected case(s)
0 Confirmed case(s)	1 Confirmed case(s)	0 Confirmed case(s)
6 Death(s)	3 Death(s)	0 Death(s)
Acute Flaccid Paralysis (AFP) _{3,4}	National Sentinel influenza surveillance ₅	Coronavirus Disease as at week 20 ₁
52 Suspected case(s)	0 Suspected case(s)	2,093,243 Suspected case(s)
0 Confirmed case(s)	0 Confirmed case(s)	166,098 Confirmed case(s)
		2,071 Death(s)

Timeliness of reports ₃	Completeness of reports ₃
93.9% Last 4 weeks	97.3% Last 4 weeks
96.4% Year to date	98.5% Year to date

Notes

1. Information for this disease was retrieved from the Technical Working Group and Situation Reports
2. Case Fatality Rate (CFR) for this disease is reported for confirmed cases only
3. Information for this disease was retrieved from IDSR 002 data
4. CFR for this disease is reported for total cases i.e. suspected + confirmed
5. Information for sentinel influenza was retrieved from the laboratory

Lassa Fever

Week 18

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
61	10	0	State: 4 LGA: 6

Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2020	2021	2020	2021	2020	2021	2020	2021
4622	1796	991	272	191	“56	19.3%	20.6%

“Outbreak data added to routine data

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Weeks 1 – 52, 2021

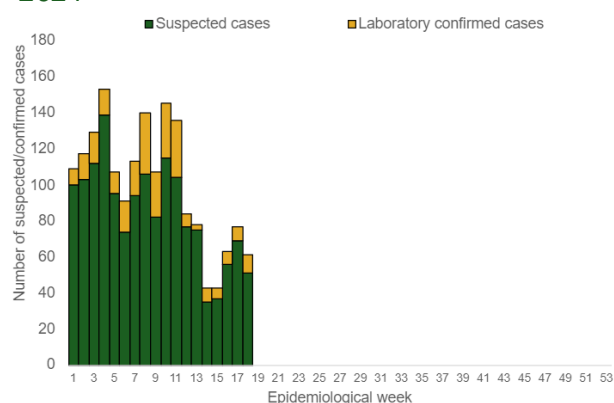
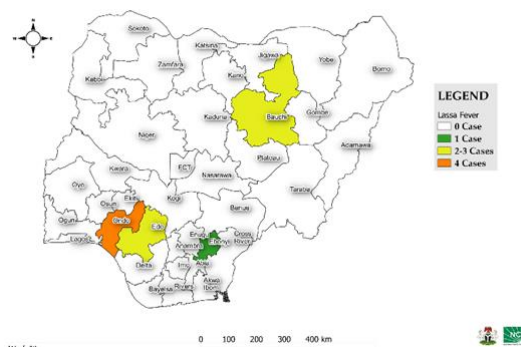


Figure 2: Location of **confirmed** cases of Lassa Fever by State, Nigeria, week 18, 2021



Key points

- There were 61 suspected cases, 10 were laboratory confirmed and no death was recorded from six LGAs in four states

Actions

To date:

- Conducted 2021 Lassa fever (LF) high burden states preparedness/response engagement meeting
- Dissemination of reviewed case management and safe burial practices guidelines
- Ensured all five LF molecular laboratories in the NCDC network are working at full capacity for timely testing of samples with reduced turnaround time

Planned:

- Finalise LF five-year strategic plan

Cerebrospinal Meningitis (CSM)

Week 18

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
5	0	0	State: 1 LGA: 3

Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2020	2021	2020	2021	2020	2021	2020	2021
245	117	0	0	3	1	1.2%	0.8%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, weeks 1 – 52, 2021

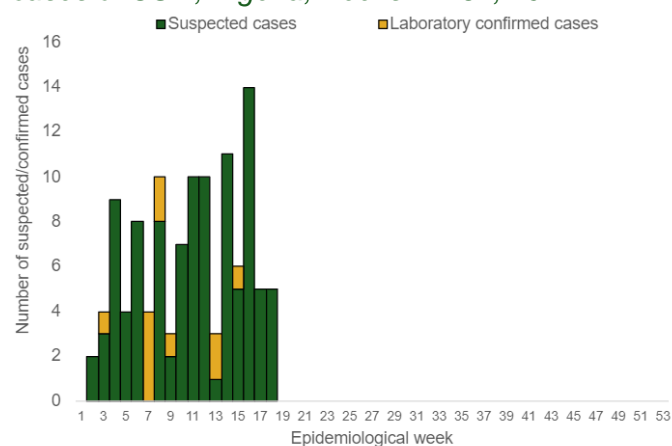
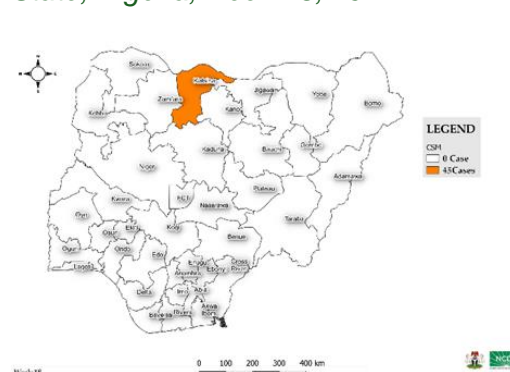


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 18, 2021



Key points

- There were 5 suspected cases of Cerebrospinal Meningitis (CSM) reported from three LGAs in Katsina state. None were laboratory confirmed and no death was recorded

Actions

To date:

- National CSM TWG meets weekly to review reports from states and plan appropriately
- Enhanced surveillance in all states

Planned:

- Continue harmonisation of the national line list and SORMAS data
- Continue to ensure that states reporting cases send their line lists and collect CSM samples

Yellow Fever

Week 18

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
15	0	0	State: 7 LGA: 14

Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2020	2021	2020	2021	2020	2021	2020	2021
747	767	6	13	0	1	0%	0.13%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, weeks 1 – 52, 2021

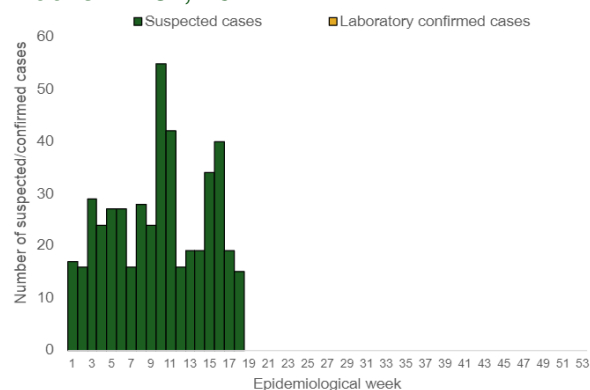
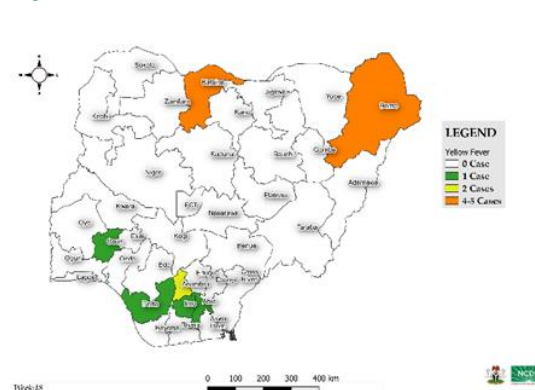


Figure 6: Location of suspected cases of Yellow Fever by States, Nigeria, week 18, 2021



Key points

- There were 15 suspected cases of Yellow Fever (YF) reported from 14 LGAs in seven states. None were laboratory confirmed and no death was recorded

Actions

To date:

- National YF multi-partner Technical Working Group (TWG) continues to coordinate activities across states.
- Daily monitoring and analysis of surveillance data across the country to guide response activities
- Ongoing validation of Mologic rapid test kit for Yellow fever

Planned:

- Continue monitoring and analysis of YF (Yellow fever) data across all states and FCT to guide response
- Continue coordination of prompt transportation samples to the laboratories

Cholera

Week 18

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
34	0	6	State: 2 LGA: 6

Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2020	2021	2020	2021	2020	2021	2020	2021
846	4427	0	*58	45	*152	5.3%	3.4%

*Outbreak data added to routine data

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, weeks 1 – 52, 2021

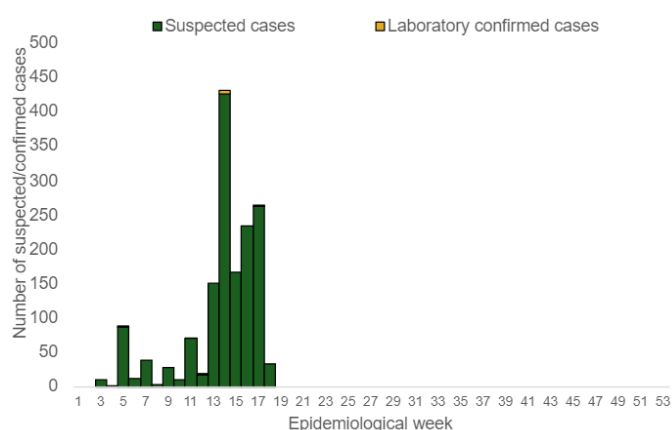
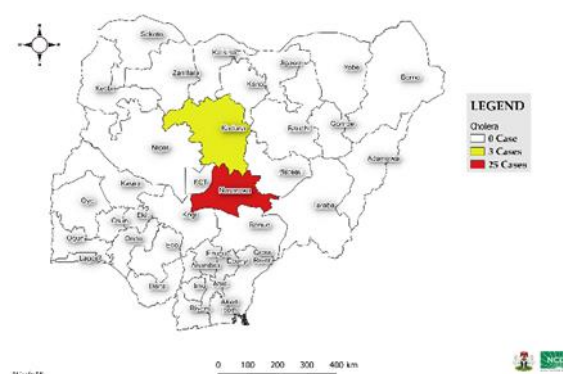


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 18, 2021



Key points

- There were 34 suspected cases of cholera reported from six LGAs in two states (Kaduna – 9 & Nasarawa – 25). There was no laboratory confirmed case and six deaths were recorded

Actions To date

- National Cholera Multi-Sectoral Technical Working Group (TWG) is monitoring all states and supporting affected states
- Developed the 2021 Annual Cholera Preparedness and Response Work plan
- Cholera jingles being aired in English and local languages across the country

Planned:

- Continue follow up and monitoring of non-reporting states
- Build capacity for sample collection, transportation, and laboratory diagnosis across states

Measles

Week 18

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
691	1	3	State: 13 + FCT LGA: 79

Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2020	2021	2020	2021	2020	2021	2020	2021
12831	8486	636	234	52	133	0.4%	1.6%

Figure 9: Number of suspected and confirmed cases of Measles, Nigeria, weeks 1 – 52, 2021

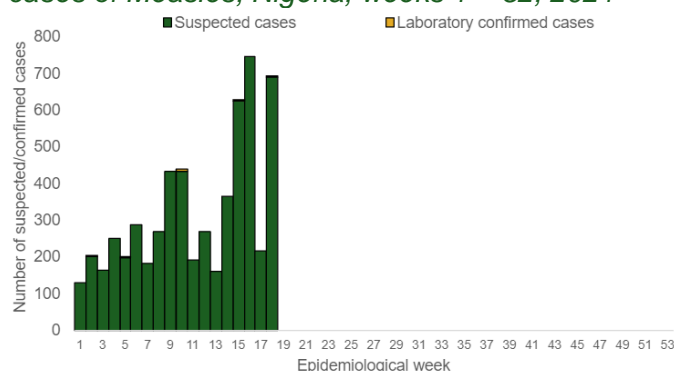
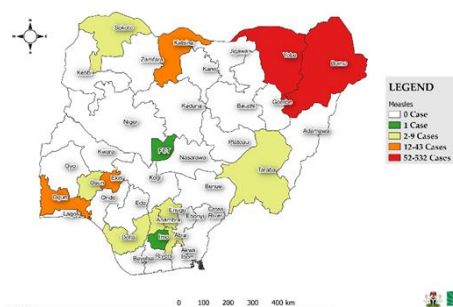


Figure 10: Location of suspected cases of Measles by State, Nigeria, week 18, 2021



Key points

- There were 691 suspected cases of Measles reported from 79 LGAs in states 13 states and FCT. There was one laboratory confirmed case and three deaths were recorded

Actions

To date

- National Measles TWG is closely monitoring measles surveillance data and providing feedback to relevant agencies and development partners
- Ongoing weekly surveillance and laboratory data harmonisation

Planned:

- Intensify follow up with states to update and transmit line list
- Continue monthly measles surveillance data review

Monkeypox

Week 18

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
0	0	0	State: 0 LGA: 0

Year to date (week 1 – 52)

Suspected cases	Confirmed cases	Deaths	CFR
2020 2021	2020 2021	2020 2021	2020 2021
14 26	3 5	0 0	0% 0%

Figure 11: Number of suspected and confirmed cases of Monkeypox, Nigeria, weeks 1 – 52, 2021

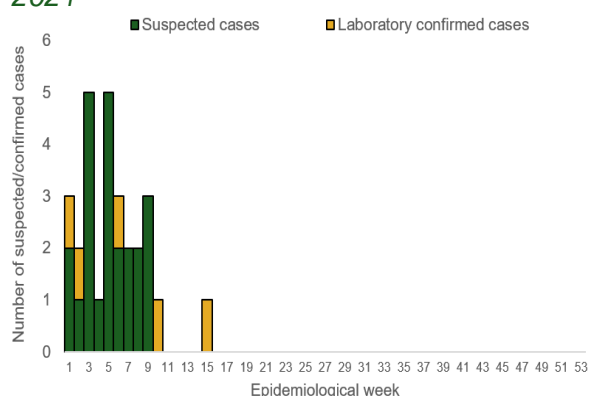


Figure 12: Location of suspected cases of Monkeypox by State, Nigeria, week 18, 2021



Key points

- There was no case of monkeypox recorded for this week

Actions

To date

- National Monkeypox Technical Working Group (TWG) is monitoring activities in all states

Planned:

- Enhance surveillance for monkeypox in high burden states
- Continue harmonisation of the national line list and SORMAS data

Acute Flaccid Paralysis (AFP)

Week 18

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
52	0	0	State: 17 + FCT LGA: 44

Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2020	2021	2020	2021	2020	2021	2020	2021
1357	879	0	0	0	0	0%	0%

Figure 13: Number of suspected and confirmed cases of AFP, Nigeria, weeks 1 – 52, 2021

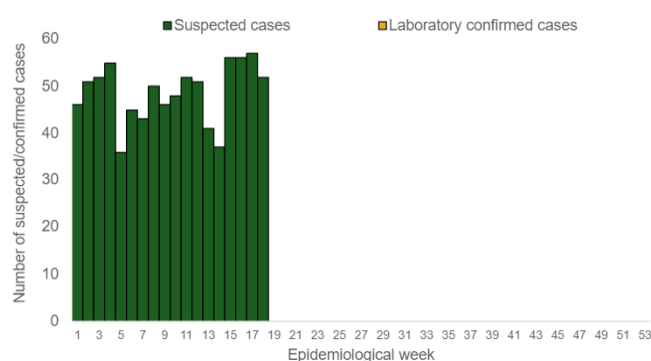
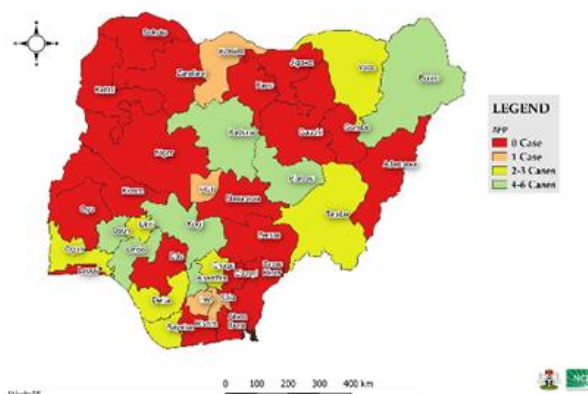


Figure 14: Location of suspected cases of AFP by State, Nigeria, week 18, 2021



Key points

- There were 52 suspected cases of AFP reported from 44 LGAs in 17 states and FCT. None were laboratory confirmed and no death was recorded

National Influenza Sentinel Surveillance

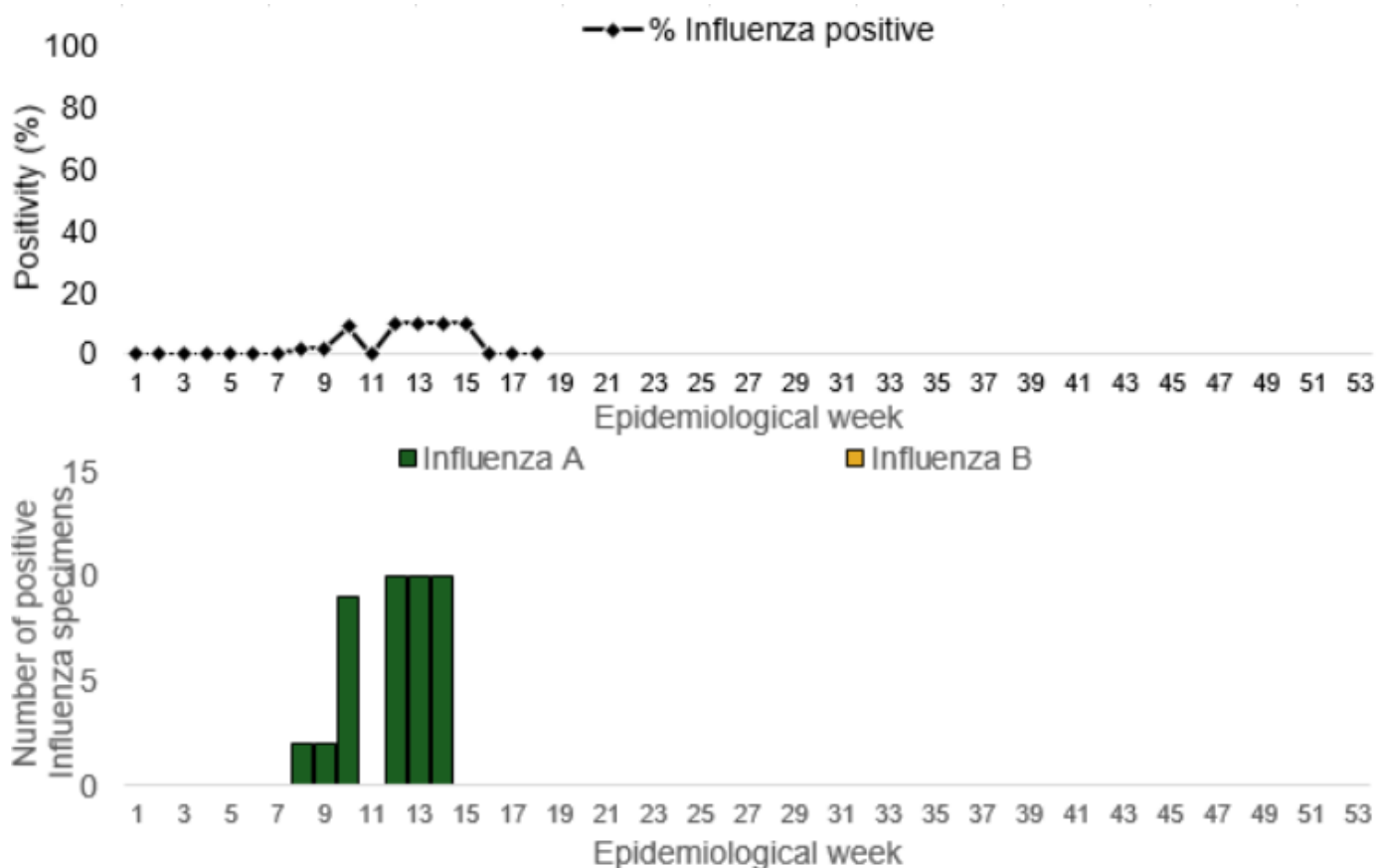
Year to date (week 1 – 18)

	Suspected cases	Suspected ILI	Suspected SARI
Number (Percentage)	504	433 (86%)	71 (14%)

Week 18

	Confirmed cases		Confirmed ILI		Confirmed SARI	
	Influenz a A	Influenz a B	Influenz a A	Influenz a B	Influenz a A	Influenz a B
Number	0	0	0	0	0	0
Positivity (%)	0%	0%	0%	0%	0%	0%

Figure 15: Number of influenza positive specimens by type and percent positive by epidemiological week, 2021.



Coronavirus Disease (COVID-19)

From outbreak onset (Feb 27 2020) to epi-week 20 2021

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
2,093,243	166,098	2,071	State: LGA:

Figure 16: Epidemic curve of confirmed cases of COVID-19, Nigeria, week 1, 2020 – 20, 2021

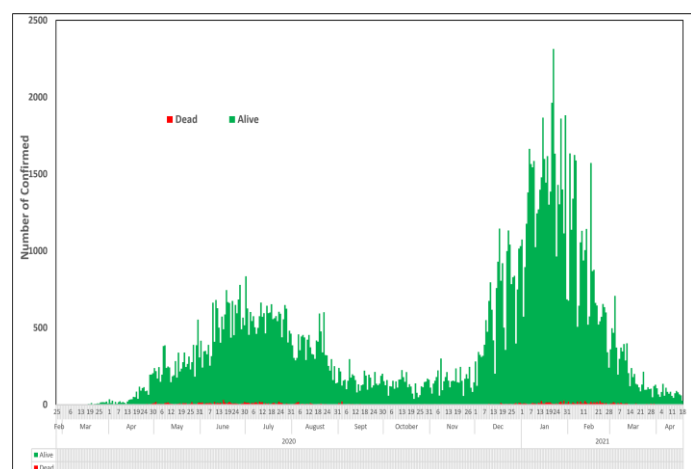
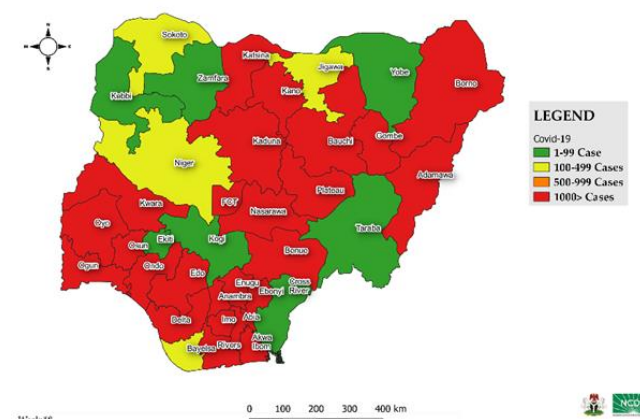


Figure 17: Location of **confirmed** cases of COVID-19 by State, Nigeria, as at week 20, 2021



Actions

To date:

- National COVID-19 multi-partner Emergency Operations Centre (EOC) continues to coordinate response activities across states
- Continued tracking and collation of data from states for strategic coordination
- Supported Africa Check to train media network on factchecking and misinformation management
- Developed campaign plan given high risk of an increase in cases

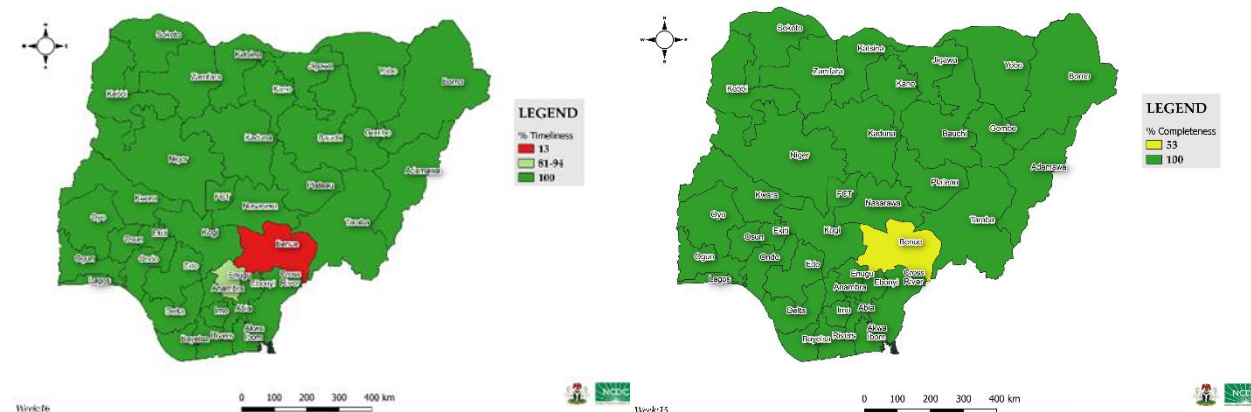
Planned:

- Deploy antigen-based rapid diagnostic test (Ag-RDT) kits and sample collection materials to the selected states
- Intensify genomic surveillance activities
- Conduct WASH (Water, Sanitation and Hygiene) assessment across all health facilities
- Finalise Local Government Area (LGA) / State transmission categorisation

Timeliness and Completeness of Reports

Week 18

Figure 18: A – Timeliness by State (%); B – Completeness by State (%), week 18, 2021



Number of reports received on time, late or not received, the percentage timeliness and completeness, in the last 4 weeks and year to date

Nigeria Total Reports	Last 4 Weeks Week 15 – 18	Year to date Week 1 – 52
Reports sent on time	139	642
Reports sent late	5	14
Reports not received	4	10
Timeliness	93.9%	96.4%
Completeness	97.3%	98.5%

States with reports not received in 2021 (week 1 – 52)

State	Week(s) report not received
Benue	7, 10, 11, 12, 13, 14, 15, 16, 17 & 18

Timeliness and Completeness of Reports by State

Year to date (week 1 – 52)

State	Timeliness (%)	Completeness (%)
Abia	89	100
Adamawa	100	100
Akwa Ibom	100	100
Anambra	100	100
Bauchi	100	100
Bayelsa	100	100
Benue	11	44
Borno	89	100
Cross River	100	100
Delta	100	100
Ebonyi	100	100
Edo	100	100
Ekiti	100	100
Enugu	83	100
FCT	100	100
Gombe	100	100
Imo	100	100
Jigawa	100	100
Kaduna	100	100
Kano	100	100
Katsina	100	100
Kebbi	100	100
Kogi	100	100
Kwara	100	100
Lagos	100	100
Nasarawa	100	100
Niger	100	100
Ogun	100	100
Ondo	100	100
Osun	100	100
Oyo	100	100
Plateau	94	100
Rivers	100	100
Sokoto	100	100
Taraba	100	100
Yobe	100	100
Zamfara	100	100